[DataVault X4 Multi-Network Secure Computer]

Abstract

This system is a dual computer system with two or more separate network domains built in a custom secure computer case with lockable front and back covers, incorporating two totally separate (CPU), motherboards, (RAM), hard drives, floppy drives, (CD-ROM) drives, a secure removable hard drive, an electro-mechanical key-lock/switch for power-on and access control, two separate color coded reset buttons, a Smart Card® reader/writer which will verify the user identity through an entered (PIN) for accessing the classi-fied network domain and an external electronic switch for switch-ing video, keyboard, mouse signals for each network domain. Upon powering up the computer with the secured access control key the computer will power-up both secure domains however, only the first secure domain will be accessible. The classified do-main can be accessed within one second where a (PIN) will be re-quired through the Smart Card® reader/writer for user access control which guarantees user access control.